

URBAN DISTRICT COUNCIL
OF ULVERSTON

ANNUAL REPORT

OF THE
MEDICAL OFFICER
OF HEALTH

YEAR ENDING DECEMBER 31st, 1947

Annual Report of the Medical Officer of Health for the Year 1947.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present to you the Annual Report of the Medical Officer of Health for the year 1947.

GENERAL STATISTICS.

Area (in acres)	3,196
Population	9,889
Number of Inhabited houses	2,860
Rateable Value	£57,642
Amount produced by a Penny Rate... ..	£221.6

VITAL STATISTICS.

BIRTHS.

Two hundred and two births, 111 male and 91 female, were registered during the year. The birth rate at 20.4 compared with a birth rate of 18.1 per 1,000 in 1946. Eight of the total births were of illegitimate children.

STILLBIRTHS.

Three children were stillborn during the year, giving a stillbirth rate of 14 per 1,000 live births.

DEATHS.

One hundred and fifty deaths of residents, 69 male and 81 female were registered during the year, giving a death rate of 15.1 per 1,000 compared with a rate of 12.7 per 1,000 in 1946.

INFANTILE MORTALITY.

Ten deaths of infants under one year of age occurred. The sex, ages and causes of death were as follows :—

Female	6 hours	Prematurity, maternal toxæmia and nephritis.
Female	4 months	Encephalitis lethargica
Male	19 hours	Congenital atelectasis
Male	8 hours	Protracted delivery
Male	12 hours	Congenital atelectasis
Female	3 days	Spina-bifida
Female	2 days	Meningocele, post-operative shock
Male	1 week	Atelectasis
Male	3 hours	Congenital heart disease
Male	5 minutes	Marasmus, congenital deformity of maxilla

DEATHS FROM DIARRHOEA AND ENTERITIS UNDER
TWO YEARS OF AGE.—Nil.

MATERNAL MORTALITY.—Nil.

CAUSES OF DEATH.

The table below shows the causes of death of Urban District Residents in 1947 :—

CAUSES OF DEATH.							MALE.	FEMALE.	TOTAL.
1.	Typhoid and Para-typhoid	...	...	...	...	...	—	—	—
2.	Measles	...	...	...	...	...	—	—	—
3.	Scarlet Fever	...	...	...	...	...	—	—	—
4.	Whooping Cough	...	...	...	...	...	—	—	—
5.	Diphtheria	...	...	...	...	...	—	—	—
6.	Influenza	...	...	...	...	...	—	1	1
7.	Encephalitis lethargica	...	...	...	...	...	—	1	1
8.	Cerebro-spinal Fever...	...	...	...	...	...	—	—	—
9.	Tuberculosis of respiratory system...	...	...	...	...	...	—	3	3
10.	Other Tuberculosis Diseases	...	...	...	...	...	—	—	—
11.	Syphilis	...	...	...	...	...	—	—	—
12.	General Paralysis of the Insane...	...	...	...	...	...	—	—	—
13.	Cancer, Malignant Disease	...	...	...	...	...	8	8	16
14.	Diabetes	...	...	...	...	...	1	2	3
15.	Cerebral Haemorrhage	...	...	...	...	...	11	12	23
16.	Heart Disease	...	...	...	...	...	26	31	57
17.	Aneurysm	...	...	...	...	...	—	—	—
18.	Other Circulatory Diseases	...	...	...	...	...	—	—	—
19.	Bronchitis	...	...	...	...	...	3	—	3
20.	Pneumonia (all forms)	...	...	...	...	...	5	1	6
21.	Other Respiratory Diseases	...	...	...	...	...	—	—	—
22.	Peptic Ulcer	...	...	...	...	...	—	—	—
23.	Diarrhoea —2	...	...	...	...	...	—	—	—
	Diarrhoea +2	...	...	...	...	...	—	—	—
24.	Appendicitis	...	...	...	...	...	—	—	—
25.	Cirrhosis of Liver	...	...	...	...	...	—	2	2
26.	Other Diseases of Liver	...	...	...	...	...	—	—	—
27.	Other Digestive Diseases...	...	...	...	...	...	1	2	3
28.	Acute and Chronic Nephritis	...	...	...	...	...	1	2	3
29.	Puerperal Sepsis...	...	...	...	...	...	—	—	—
30.	Other Puerperal Causes	...	...	...	...	...	—	—	—
31.	Congenital debility, malformation, etc	...	...	...	...	...	6	3	9
32.	Senility	...	...	...	...	...	3	7	10
33.	Suicide...	...	...	...	...	...	—	—	—
34.	Other Violence	...	...	...	...	...	2	1	3
35.	Other Defined Diseases	...	...	...	...	...	2	5	7
36.	Causes ill-defined or unknown...	...	...	...	...	...	—	—	—
							69	81	150

The principle causes of death in the Urban District in 1947, as shown by the above table, were :—Heart Disease (57), Cerebral Arterial Disease (23) and Cancer (16). Three deaths occurred from Infectious Diseases other than Tuberculosis, one from Encephalitis Lethargica, one from Poliomyelitis and one from Polioencephalitis.

CANCER.

Brief particulars of the 16 deaths from this disease are shown below :—

SITE.							MALE.	FEMALE.	TOTAL.
Stomach	...	...	...	...	...	...	1	2	3
Colon	...	...	...	...	...	...	3	—	3
Breast	...	...	...	...	...	...	—	2	2
Rectum	...	...	...	...	...	...	1	1	2
Thumb	...	...	...	...	...	...	—	1	1
Cervix	...	...	...	...	...	...	—	1	1
Bladder	...	...	...	...	...	...	1	—	1
Liver	...	...	...	...	...	...	—	1	1
Cervical Glands	...	...	...	...	...	...	1	—	1
Prostate	...	...	...	...	...	...	1	—	1
							8	8	16

The table below shows comparisons between birth and death rates in England and Wales, 148 smaller towns and this district.

Year.	England and Wales.		148 Smaller Towns. 25—50,000 population.		Ulverston Urban District.	
	Births.	Deaths.	Births.	Deaths.	Births.	Deaths.
1944	17.6	11.6	20.9	12.4	16.1	14.2
1945	16.1	11.4	19.2	12.3	13.1	12.3
1946	19.1	11.5	21.3	11.7	18.1	12.3
1947	20.5	12.0	22.2	11.9	20.4	15.1

Age Distribution of Deaths in 1947 is shown below :—

-1	1-	5-	10-	15-	20-	30-	40-	50-	60-	65-	70-	75-	80-	85-	90-	Total
10	1	1	1	—	2	6	3	8	11	15	31	22	24	13	2	150

71.3% of the deaths were in persons of 65 and over.

GENERAL PROVISIONS OF HEALTH SERVICES.

PERSONNEL.

Medical Officer of Health :—A. Dodd, M.D., Ch.B., M.R.C.S.,
L.R.C.P., D.P.H.

Other Appointments held :—Assistant County Medical Officer —
Lancashire County Council.

Medical Officer of Health—Ulverston
Combined Sanitary District.

Medical Officer—Ulverston Joint Hospital
Board.

Sanitary Inspector :— C. T. Hague, Sanitary Inspector's Certificate, R.S.I.

Other Appointments held :—Engineer and Surveyor—Ulverston Urban
District Council.

Manager Gas and Water Undertaking—
Ulverston Urban District Council.

Meat Inspector :— W. E. Caine, Certificate for Meat In-
(to 30th November, 1947) spection of Royal Sanitary Institute.
Public Health—London—Certificate.

Mr. Caine, the Meat Inspector, retired on the 30th November,
1947.

Addit'nal Sanitary Inspector: D. Sartorius, Joint Board Certificate.
(from 1st October, 1947) Certificate R.S.I., Meat and Foods.

Other Appointments held :—Meat Inspector — Ulverston Urban
District Council.

HOSPITAL SERVICES.

No major change occurred during the year in the hospital services
of the district.

AMBULANCE FACILITIES.

In addition to the ambulance maintained by the Ulverston Joint
Hospital Board for the conveyance to High Carley Isolation Hospital
of patients suffering from infectious diseases, two motor ambulances
for accidents and non-infectious illnesses are provided by the Ulverston
Joint Ambulance Committee to serve the Urban and Rural Districts
of Ulverston. There are reciprocal arrangements for help in case of
need with Dalton and Grange in each of which a motor ambulance is
maintained.

LABORATORY FACILITIES.

Bacteriological examinations are carried out at the Ministry of
Health Emergency Medical Service Laboratory at High Carley.
Chemical analyses, as required, are sent to the City Laboratories,
Liverpool.

MATERNITY AND CHILD WELFARE, SCHOOL MEDICAL, DENTAL AND HEALTH VISITING SERVICES, ULVERSTON COMBINED SANITARY DISTRICT.

These services are provided by the Lancashire County Council. Routine child welfare clinics, minor ailment clinics, dental clinics and school medical and dental inspections are undertaken by Assistant County Medical and Dental Officers with health visitors and school nurses. The ophthalmic surgeon, obstetrician and orthopaedic specialist attend the appropriate eye, ante-natal and post-natal, and orthopaedic clinics at Ulverston and Dalton-in-Furness. In addition the obstetrician visits the Grange Clinic fortnightly.

The times and places where County Council Clinics are held are shown below. County District Immunisation Clinics are also shown.

ULVERSTON—Brogden Street.

Monday	a.m.	Minor Ailments Re-dressing Clinic.
		Dental Clinic.
	p.m.	Ante-Natal Clinic.
Tuesday		Dental Clinic.
	a.m.	Dental Clinic.
	p.m.	Dental Clinic
Wednesday		Orthopaedic Clinic every two months.
	a.m.	Minor Ailments and Inspection Clinic.
	p.m.	Child Welfare Centre.
Thursday	a.m.	Ophthalmic Clinic.
		Dental Clinic.
	p.m.	Dental Clinic.
Friday	a.m.	Nil.
	p.m.	Immunisation : First Friday every month, 2 p.m.

DALTON—Nelson Street (transferred to Old Day Nursery Building, Dowdales Grounds, on 30th December, 1947).

Monday	a.m.	Nil.
	p.m.	Immunisation : First Monday every Month, 2 p.m.
Tuesday	a.m.	Minor Ailments Re-dressing Clinic.
	p.m.	Nil.
Wednesday	a.m.	Ophthalmic Clinic.
	p.m.	Ante-Natal Clinic.
Thursday	a.m.	Minor Ailments Inspection Clinic.
	p.m.	Child Welfare Centre.
Friday	a.m.	Dental Clinic.
	p.m.	Dental Clinic.

GRANGE—Congregational Sunday School, Kents Bank Road.

2nd and 4th Friday each month: a.m. Ante-Natal Clinic.

Tuesday fortnightly : p.m. Child Welfare Centre.

GRANGE — Council Offices. •

1st Tuesday each month : p.m. Immunisation Clinic.

CONISTON—Church Rooms, Yewdale Road.

1st Friday each month : p.m. Child Welfare Centre.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLIES.

Water is supplied by Barrow Corporation from Pennington Reservoir to the Ulverston Urban District Council's waterworks at Castle Hill, Pennington. Here the water is sand filtered before storage in a service reservoir of $2\frac{1}{2}$ million gallons capacity. Before passing into the trunk main from the reservoir the water is subjected to chlorination. The supply of water was adequate during the year.

A sample of water taken on the 10th December, 1947, was examined bacteriologically with the satisfactory result shown below :—

Water from Town Supply.

Plate Count 3 days at 22°C	...	...	...	...	...	10
Plate Count 2 days at 37°C.	...	...	...	...	...	320
Probable number of coliform bacilli per 100ml....						Coli 0
No faecal coli.						

This supply serves 2,744 dwelling-houses, representing approximately 9,440 persons and serves also 102 dwelling-houses by means of stand-pipes, representing another 450 persons. Fourteen houses in the Urban District representing approximately 60 persons get a water supply from private sources.

HOUSING.

During 1947 the Urban District Council erected 38 permanent houses which were tenanted.

The shortage of houses in the Urban District still remains acute.

MEAT INSPECTION, 1947.

The Ministry of Food slaughterhouse is situated at the Gill, Ulverston. Inspection of meat is carried out by the Council's meat inspector. The number of animals slaughtered at the abattoir during the past year, was as follows :—

Cattle.	Calves.	Sheep.	Pigs.	Total.
1396	1372	3667	10	6445

Further information on meat inspection is to be found in the report of the additional Sanitary Inspector.

The accommodation and facilities for slaughtering, referred to in previous reports, were unchanged.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASE.

The following table shows the number of cases of the notifiable infectious diseases which occurred in the Urban District during the five years 1942—1946 with the numbers in 1947.

Disease	1942	1943	1944	1945	1946	1947		
						No. of Cases	Removed to Hospital	No. of Deaths
Scarlet Fever	22	12	8	6	5	6	6	—
Diphtheria	24	4	6	1	—	—	—	—
Typhoid and Para-typhoid ...	2	—	3	1	2	—	—	—
Measles	26	54	158	20	1	56	1	—
Whooping Cough..	—	15	3	14	4	3	—	—
Pneumonia	3	5	7	2	2	5	5	1
Erysipelas	1	—	—	1	1	—	—	—
Poliomyelitis	—	—	1	—	—	6	6	1
Polioencephalitis...	—	—	—	—	—	1	1	1
Puerperal Fever and Pyrexia	—	—	2	1	—	—	—	—
Ophthalmia Neonatorum ...	—	2	—	—	—	—	—	—
Cerebro-spinal Fever	2	—	3	—	—	1	1	—
Dysentery	—	—	—	7	—	—	—	—
Encephalitis Lethargica	—	—	—	—	—	1	1	1
TOTALS	80	92	191	53	15	79	21	4

The incidence of infectious diseases generally was low in 1947. The number of cases of measles increased, compared with the two previous years conforming to the customary cyclic incidence of the disease.

A short report on the incidence of poliomyelitis in 1947 in the Ulverston Combined Sanitary District follows :—

POLIOMYELITIS/POLIOENCEPHALITIS IN THE ULVERSTON COMBINED SANITARY DISTRICT.

In 1947, 17 cases of Poliomyelitis or Polioencephalitis were notified in the Ulverston Combined Sanitary District. Eight of the patients lived in the Ulverston Rural District, seven in the Ulverston Urban District, one in the Dalton-in-Furness Urban District and one in the Grange-over-Sands Urban District. The fact that only one case occurred in Dalton is notable in view of the incidence during the year

in the Ulverston Urban and Rural Districts as well as in the County Borough of Barrow-in-Furness. This single case occurred at a farm in a Rural part of Dalton-in-Furness.

More detailed enquiry into these cases from an epidemiological aspect was made than has been customary in ordinary infectious diseases. Information was given and the respective forms completed in connection with the Poliomyelitis/Polioencephalitis Surveys of the Medical Research Council, the Lancashire County Council and the Hospital Survey of the Ministry of Health.

The table below shows the age, sex, date of onset, results of infection and the district in which the patient resided.

Case No.	Age.	Sex.	Date of Onset.	Result.	District.
1	29	M.	3-4-1947	DIED	Ulverston
2	33	F.	25-3-1947	Recovered	Bardsea
3	11	M.	2-5-1947	DIED	Lowick Green
4	3	F.	7-5-1947	Recovered	Ulverston
5	1	M.	31-5-1947	Recovered	High Newton
6	29	F.	18-5-1947	Recovered	Sparkbridge
7	34	M.	17-6-1947	Recovered	Ulverston
8	49	F.	18-6-1947	Recovered	Finsthwaite
9	33	M.	27-6-1947	Recovered	Ulverston
10	34	F.	2-7-1947	Recovered	Ulverston
11	33	F.	1-7-1947	Recovered	Ulverston
12	12	M.	1-7-1947	Recovered	Backbarrow
13	3	M.	27-7-1947	Recovered	Askam
14	13	M.	?-7-1947	Recovered	Grange
15	29	M.	17-9-1947	Recovered	Bardsea
16	2	F.	19-10-1947	DIED	Ulverston
17	6	M.	26-11-1947	Recovered	Swarthmoor

It will be observed from the above table that three deaths occurred, giving a case mortality of 17.6%. Two of these three deaths were of children. Fourteen cases recovered although some had residual paralysis or weakness. Only 8 cases occurred in children, representing 47% of the total. Six of these were male and 2 female. Nine cases occurred in adults, representing 53% of the total. Four of these were male and 5 female. The youngest adults affected were 29 years of age. A woman aged 29 was pregnant. She recovered and subsequently had a normal confinement.

The cases in the Rural District of Ulverston were scattered, no 2 cases occurring near to one another with the exception of two at Bardsea, but the dates of onset of these cases were respectively the 25th March and the 17th September, 1947. Of the cases in the Urban District of Ulverston, no two occurred in the same street although cases occurred in streets which were near to one another. In the district as a whole, no two cases occurred in any family, and no two cases occurred in any school. There was no recent history of tonsillectomy

in any of these cases. No connection was traced between any two cases or contacts and despite enquiry no evidence was obtained suggesting spread by milk or foodstuffs or by faecal contamination.

There is some evidence that abortive cases occurred in one part of the Rural District. I was told by a General Practitioner some time after the occurrence that the people in the district had had peculiar cold catarrh symptoms with eye signs such as diplopia. So far as I am aware, all these cases recovered.

All known cases of Poliomyelitis/Polioencephalitis were removed to High Carley Isolation Hospital, excepting a boy from a private school in Grange who had returned home out of the district where the diagnosis was made.

The cases were classified for the survey of the Medical Research Council as follows :—

Non-paralytic—mainly spinal	...	...	...	...	1
Paralytic	...	...	...	...	12
Non-paralytic—mainly cerebral	...	...	...	...	1
Presumptive—mainly cerebral	...	...	...	...	1
Not Polio (diagnosis indefinite)	...	...	...	...	2

The Ulverston Joint Hospital Board was not happy about the availability of a mechanical respirator at the time when cases were prevalent in the County Borough of Barrow-in-Furness and in the Ulverston Combined Sanitary District and considered purchasing a respirator. In view, however, of information received suggesting that it would probably be contrary to future policy to encourage the admission of Poliomyelitis cases to a small hospital such as the High Carley Isolation Hospital, the Joint Board did not proceed to the ordering or purchasing of a respirator.

DIPHTHERIA IMMUNISATION.

During 1947, a total of 160 children completed the full course of immunisation, namely, 150 under 5 years of age and 10 between the ages of 5 and 15. In addition, 5 children had booster doses to maintain resistance to the disease.

At the end of the year it was estimated that 58% of children under 5 years of age and 74% of children between the ages of 5 and 15 in Ulverston had been immunised under the Local Authorities Scheme.

TUBERCULOSIS.

The tuberculosis service in the Ulverston Combined Sanitary District is administered by the Lancashire County Council. The Dispensary at Ulverston is attended by the Consultant Tuberculosis Officer for the district and a Tuberculosis Health Visitor. Extensive facilities for the investigation and treatment of tuberculosis are available at High Carley Sanatorium, near Ulverston.

NEW CASES OF MORTALITY DURING 1947.

The following table shows the number of new cases notified and the number of deaths from Tuberculosis in Ulverston during 1947.

AGE PERIODS		NEW CASES.				DEATHS			
		Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
Years		M.	F.	M.	F.	M.	F.	M.	F.
0—	....	—	—	—	1	—	—	—	—
1—	....	—	—	—	—	—	—	—	—
5—	....	—	—	—	—	—	—	—	—
10—	....	—	1	—	1	—	—	—	—
15—	....	—	—	1	—	—	1	—	—
20—	....	5	—	—	—	—	2	—	—
25—	....	1	2	—	—	—	—	—	—
35—	....	—	—	—	—	—	—	—	—
45—	....	—	—	—	—	—	—	—	—
55—	....	—	—	—	—	—	—	—	—
65 and upwards		—	—	—	—	—	—	—	—
		6	3	1	2	0	3	0	0
TOTALS		9		3		3		0	

The table below shows the numbers of new cases and deaths from tuberculosis in Ulverston Residents during the past 11 years.

Year.	NEW CASES.				DEATHS.			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
1937	5	7	1	2	3	1	—	—
1938	7	3	3	2	2	1	—	2
1939	4	3	3	4	3	1	—	—
1940	3	6	7	6	3	—	1	1
1941	4	6	7	4	1	—	—	—
1942	7	5	4	7	3	3	—	1
1943	11	14	3	5	3	3	1	—
1944	9	7	5	6	1	2	1	—
1945	4	10	3	2	4	1	—	—
1946	8	2	1	2	5	1	—	—
1947	6	3	1	2	—	3	—	—

In conclusion, I thank the members of the Health Committee and the Officers of the Ulverston Urban District Council for courtesy and help.

Reports of the Sanitary Inspector and the Additional Sanitary Inspector are appended.

I have the honour to be,

Your obedient servant,

A. DODD,

MEDICAL OFFICER OF HEALTH.

SANITARY INSPECTOR'S ANNUAL REPORT, 1947.

To the Chairman and Members of the Health Committee.

LADIES AND GENTLEMEN,

I herewith submit a summary of the work relating to Public Health Administration carried out by the department during the period January 1st to December 31st, 1947.

SANITARY INSPECTIONS, ETC.

The following is a summary of the cases dealt with by means of non-statutory notices, other cases having been dealt with by direct contact.

Insufficient or insanitary accommodation for House Refuse...	14
Defective drains and W.C.s.....	26
Defective condition of premises.....	27
Defective water supply	7
Accumulation on, or obstructions to, highways.....	4
Insanitary earth closets	1
Miscellaneous	8
	—
	87

PERMANENT HOUSING.

1.—LOCAL AUTHORITY.

The erection of 88 Council Houses was approved by the Ministry of Health in 1946 and of these, 38 have been completed and tenanted, and the remainder are under construction.

2.—PRIVATE ENTERPRISE.

Licences to build 14 houses were issued during the year by the Surveyor's Department, and all are under construction.

Of the 9 houses approved in 1946, 6 are completed and tenanted.

ADAPTATIONS AND CONVERSIONS.

The following conversion is being carried out by private persons under licence issued by the Surveyor's Department:—Old Tallow Chandlery, converted into dwelling-house (not completed).

During the year, licences have been issued by the Surveyor's Department for essential repairs to buildings, and the work carried out

has resulted in bringing the property to a better standard of maintenance. Some of the principle improvements and repairs carried out are given below :—

Renewal and provision of Sanitary Installations.....	10
Renewal and provision of piped water supplies to dwellings...	9
Structural repairs to defective property.....	16
To remedying dampness	18

SLUM CLEARANCE IS STILL IN ABEYANCE.

SEWERAGE AND DRAINAGE.

The system has received the usual attention and has been maintained in an efficient condition. All drains and sewers laid by local contractors have been inspected and the connections to the public sewer have been made by the Department's staff.

SHOP ACT AND FACTORIES ACT.

Close liason has been kept with H.M. Inspectors and cases arising have been dealt with appropriately

REFUSE DISPOSAL AND SALVAGE COLLECTION.

This work has been carried out efficiently, and the controlled tip has been maintained in a satisfactory condition by the Health Department. The following Salvage has been collected, sorted and sold during the year :—

	T.	C.	Q.		£	s.	d.
Waste Paper... ..	60	5	0	... ..	400	0	0
Textiles... ..	0	10	1	... ..	5	0	0
Metals	1	11	0	... ..	5	0	0
Bottles and Jars	0	15	0	... ..	6	0	0
Kitchen Waste	18	0	0	... ..	18	6	0
					£434	6	0
Board of Trade Bonus for Waste Paper Collection ... ..				... ..	9	13	0
					£443	19	0

INFECTIOUS DISEASES.

The following cases have been notified :—

Scarlet Fever	6
Poliomyelitis	6
Polio-encephalitis	1
Meningitis	1
Pneumonia	5
	—
	19
	—

Fumigations have been carried out as follows :—

Infectious Diseases	...	...	...	...	17
T.B....	...	...	...	...	1
Other Causes...	...	...	...	...	5
					<hr/> 23 <hr/>

WATER SUPPLY.

A pure and sufficient supply has been maintained without interruption.

The following renewals and extensions to water mains have been carried out during the year by the Water Department.

RENEWALS.

Morecambe Road, 375 yards 6-inch cast iron pipes.

Canal Foot Road, 290 yards 4-inch cast iron pipes.

Holyoake Terrace, 117 yards 6-inch cast iron pipes.

EXTENSIONS.

Well Lane, 23 yards 4-inch cast iron pipes.

Well Lane, 173 yards 3-inch asbestos pipes.

Well Lane, 57 yards 4-inch asbestos pipes.

Rydal Road, 538 yards 4-inch asbestos pipes.

Coniston Road, 96 yards 4-inch asbestos pipes.

RAT DISINFESTATIONS.

The following places have received treatment during the year :—

135 Private Dwellings.

16 Business Premises.

2 Refuse Tips at Canal Head (two treatments).

1 Morecambe Road Sewage Tanks (four treatments).

1 Swarthmoor Sewage Tanks (four treatments).

1 Salvage Depot, Canal Head (four treatments).

Two treatments have been carried out to the sewers, the details being set out below :—

First Treatment (20/3/47 to 14/4/47) :—

Manholes baited	...	...	...	...	345
Prebait "Takes"	...	...	...	...	56
Poison "Takes"	...	...	...	...	55
Estimated number of Rats poisoned...	...	...	...	...	168

Second Treatment (3/11/47 to 4/12/47) :—

Manholes baited	...	...	...	...	346
Prebait "Takes"	...	...	...	...	62
Poison "Takes"	...	...	...	...	60
Estimated number of Rats poisoned...	...	...	...	...	186

354

Treatments have also been carried out on two Beck Courses in the District as follows :—

Town Beck, The Gill to The Estuary :—

Number of Baiting Points	723
Number of poison points	465
Estimated number of rats poisoned... ..	580
Bodies recovered... ..	51

Dragley Beck to Fitz Bridge Ford :—

Number of Baiting Points	86
Number of poison points	28
Estimated number of rats poisoned... ..	64
Bodies recovered	3

During the year, 151 Minor, 13 Major and 1 Reservoir infestations have been treated, and of these, 22 required re-treatment. Estimated kill for Major and Minor Infesta- tions	723
Bodies recovered	172

Total number of rats estimated to have been poisoned during the year	1721
--	------

The estimated kill in each case is based on the Ministry of Food Formula.

Owing to the retirement of Mr. W. E. Caine, the post of Additional Sanitary Inspector became vacant. This has since been filled by Mr. D. Sartorius, who took up his appointment on 1st October, 1947.

I am., Ladies and Gentlemen,
Yours obediently,

C. TELFORD HAGUE,
Surveyor and Sanitary Inspector.

INSPECTION AND SUPERVISION OF FOOD.

The above work for the past twelve months has been carried out firstly by Mr. W. E. Caine until his retirement on October 30th, 1947, followed by Mr. D. Sartorius, the Additional Sanitary Inspector, appointed on October 1st, 1947.

MEAT INSPECTION.

Under the present Ministry of Food arrangement, centralised slaughtering for the Ulverston Urban and Rural Districts and the Grange Urban District, is carried out at the Ministry of Food Abattoir, The Gill, Ulverston. Reference has been made to the unsuitability

of the premises in previous reports and the conditions have not materially changed in the past year.

Number of Animals slaughtered at the Abattoir :—

Year.	Cattle.	Calves.	Sheep.	Pigs.	Total.
1947.....	1396	1372	3667	10	6445

Number of whole carcasses and offals condemned :—

Beef.	Veal.	Mutton.	Pork.	Total.
65	77	50	3	195

Total weight of meat condemned at the Abattoir during the year was 15 tons 7cwts. 3 qtrs. 14lbs.

CAUSES OF CONDEMNATION.

Generalised Tuberculosis, Tuberculosis with emaciation and congenital Tuberculosis, 53 carcasses.

Other causes, 142 carcasses.

CONGENITAL TUBERCULOSIS IN CALVES.

During the year, 4 cases of Congenital Tuberculosis in Calves have been found on post mortem examination at the Abattoir. Notification in each case was sent to the County M.O.H. and appropriate action taken, resulting in the dams of the calves being slaughtered under the Tuberculosis Order, 1938.

UNSOUND FOOD.

The following articles of food have been dealt with, having been voluntarily surrendered and destroyed or salvaged :—

Destroyed :—

Tins of Meat...	...	...	...	...	87
Tins of Fish...	...	...	...	...	39
Tins of Vegetables	...	...	...	...	48
Tins of Milk...	...	...	...	...	431
Tins of Soup...	...	...	...	...	17
Tins of Fruit	...	...	...	...	24
					lbs.
Fish	...	...	...	...	360
Bacon	...	...	...	...	63
Sausages	...	...	...	...	28
Black Puddings	...	...	...	...	101
Sausage Rusk	...	...	...	...	140
Tea	...	...	...	...	5 $\frac{3}{4}$

Salvaged :—

Sago	224
------	-----	-----	-----	-----	-----	-----

MILK SUPPLY.

Number of Registered Dairy Farms, 20.

Number of Registered Producers and Retail Purveyors of Milk, 34.

Regular visits have been made to the Dairy Farms in the district, particular attention being paid to the cleanliness of cows, shippens, dairies and utensils which, in general, was satisfactory.

BACTERIOLOGICAL EXAMINATION OF MILK SAMPLES.

Samples of milk have been obtained and submitted to High Carley E.M.S. Laboratory. With one exception, the samples have proved satisfactory.

BIOLOGICAL EXAMINATION OF MILK SAMPLES.

Samples of milk have been obtained and submitted for tubercle bacilli and forwarded to Liverpool Pathological Laboratory. Results have been satisfactory.

FOOD AND DRUGS ACT, 1938.

Inspection of food premises have been made during the year, particular attention being paid to cleanliness of food preparing, rooms and utensils and the personal hygiene of persons employed therein.

PUBLIC HEALTH (MEAT) REGULATIONS, 1924.

Butchers shops in the district have been regularly visited and any infringement of regulations pointed out. In such cases there was no necessity for serving a formal notice, the regulations being complied with.

ICE CREAM.

Number of Manufacturers registered for manufacture, sale and storage of Ice Cream, 2.

Number of Retailers registered for sale and Storage of Ice Cream, 2.

The premises, equipment and utensils have been kept in a clean manner, and the standard of personal hygiene of persons employed in the manufacture of the commodity, good. Improvements of the premises are in hand and new equipment on order, so that the new Ice Cream (Heat Treatment) Regulations may be complied with.

I am, Ladies and Gentlemen,

Yours obediently,

D. SARTORIUS,

Additional Sanitary Inspector.

